

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140361 Mode: Highway Status: Submitted

US-17 BUS (Marine Blvd)

From/Cross Street: SR 1308 (Bell Fork Rd)

Specific Improvement Type: 10 - Improve Intersection

To: Project Category: Regional Impact

Length: 0.5

Fully Funded in Draft STIP? No

Cost to NCDOT: \$465,000

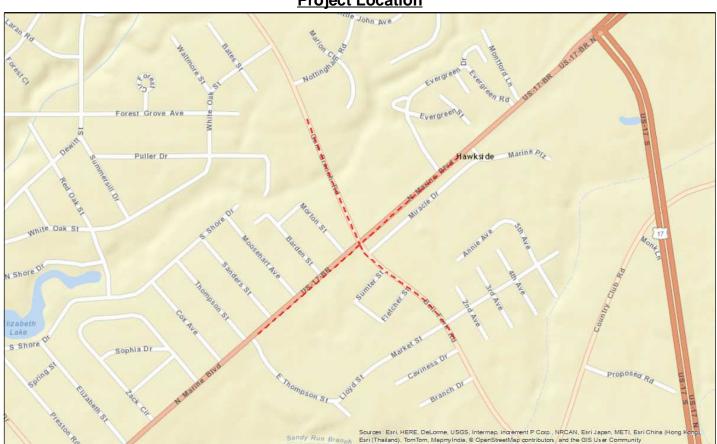
Description:

Add left turn lane to northbound US 17B and right turn lane to westbound SR 1308

Division(s): Division 3 **County(s):** ONSLOW

MPOS(s)/RPO(s): Jacksonville Urban MPO

Project Location



09/22/2014 04:37 PM Highway **1/4**

Statewide I	Mobility 1	Total Score: (0
-------------	------------	----------------	---

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

Regional Impact Total Score: 69.85

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) Multimodal + [Freight & Military] (25%) [Travel Time] Benefit/Cost (20%)	83.35 11.65 100.00	Percent: 15% Points: 74	Percent: 15% Points: 100
Totals: Weight: 70% Weighted Score: 43.75			

Division Needs Total Score: 55.48

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (20%) Multimodal + [Freight & Military] (10%) Totals: Weight: 50% Weighted Score: 3	63.23 83.35 11.65	Percent: 25% Points: 100	Percent: 25% Points: 0

09/22/2014 04:37 PM Highway **2/4**

Project Data *

Existing Conditions

Existing Cross-Section: Speed Limit: 45 0.5 Length (miles); Arterial Facility Type: None Access Control: Functional Classification: Other Principal Arterial Terrain Type: Level Lane Width: 12 Paved Shoulder Width: 0 Roadway has Curb & Gutter? No Volume (AADT): 46963.92 Capacity: 63400 Volume/Capacity Ratio: 0.74 % Autos: 95% % Trucks: 5% Truck Volume: 2329.41 0 Crash Density: 0 Crash Severity: 0 Critical Crash Rate: Crash Frequency: 100 Severity Index: 66.7 County Tier Designation: Non-Interstate STRAHNET No Route? Average Commuting Time: 20 Existing Median Type (for **TWLTL** Cost Estimation): Pavement Condition Rating: 98 29.98 Actual Congested Speed: Travel Time Index: 1.5

Project Benefits

Project Cross-Section:	
Speed Limit:	45
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
TerrainType:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	7694000
Travel Time Savings for 30 Years (Autos):	7312377.65
Travel Time Savings for 30 Years (Trucks):	381622.35
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	Yes
CTP/LRTP Name:	JUMPO 2040 LRTP
CTP/LRTP Completion Year:	2015
Submitted by:	Jacksonville Urban MPO

09/22/2014 04:37 PM Highway **3/4**

^{*} Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership

Division

Division	Percent	Regional Impact	Division Needs
Division 3	100%	74	100
	0%	0	0
	0%	0	0
TOTAL Division Points		74	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Jacksonville Urban MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$375,000	Cost Estimation Tool
Right-of-Way Cost:	\$90,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$465,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$465,000	

09/22/2014 04:37 PM Highway **4/4**